Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 05 Jan 2023 until 23:59 on Friday 06 Jan 2023

Forecast Issued on Wednesday 04 Jan 2023 at 10:26

Confidence: High for the general theme of low pressure systems and fronts moving east or northeast across the British Isles, but Medium to Low for details, especially in relation to timings and rainfall amounts.

Headline for Thursday 05 Jan 2023: Some bright spells, but mostly cloudy with patchy rain or drizzle and strengthening winds.

Mountain weather hazards on Thursday 05 Jan 2023

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	MIST				
Fog	Fog	Fog	Mist	Light rain	Cloudy	Light rain	Heavy Rain
Precipitation probability							
20%	10%	20%	10%	40%	30%	50%	90%

Forecast for Thursday 05 Jan 2023

Weather: A few clear spells overnight, but mainly cloudy with patchy low cloud and perhaps some rain onto western hills. Then a generally cloudy day, with patchy rain or drizzle, though some bright interludes, but thicker cloud in evening will bring heavy rain.

Chance of cloud-free hill tops above 600m: 20-40% with best chance in east, decreasing 10% in evening

Low Cloud and visibility: Mainly good visibility at lower elevation, but moderate at times in rain and drizzle and occasionally poor in heavy rain later. Very poor within cloud though with lengthy periods 500-700m, but patches 250m at first and occasionally broken 700-900m in east, this more likely in the morning. Becoming extensive down to 400 or 500m in evening.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 05 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/34 W	19/28 W	13/19 W	14/20 SW	17/23 S	21/32 SW	23/35 SW	26/39 SW	23/35 SW
300	16/32 W	13/27 W	7/16 W	8/17 SW	7/16 S	14/30 SW	16/33 SW	17/36 SW	17/33 SW
Valley	12/26 W	9/21 W	6/14 SW	7/16 SW	7/19 S	13/28 SW	14/31 S	16/34 SW	14/30 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	4/-1	4/-0	4/0	4/-0	6/2	6/1	6/1	4/-2
300	7/3	6/2	6/4	6/4	6/4	8/5	8/5	8/5	6/2
Valley	8/5	7/5	7/5	7/5	8/6	10/7	10/7	9/6	7/4
Freezing Level*	1400m	1300m	1300m	1300m	1800m	1600m	1700m	1700m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Mild but becoming rather windy at height with some chill effect over the tops, especially in evening with heavy rain.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 04 Jan 2023	19.8mm	25.6mm	32mm

Forecast for Friday 06 Jan 2023

Weather: Rain clearing overnight with skies clearing, leading to patchy mist or fog. Then mainly dry and bright with sunny spells as mist and fog clears, but rather cloudy with a few showers from late morning and thicker cloud through the evening with outbreaks of rain spreading from west,

Maximum wind: Southwest 10mph, increasing 15mph in morning, then 20-25 gusts 35mph in afternoon, but becoming southerly 25-30 gusts 40mph over the tops in the evening.

Chance of cloud-free hill tops above 600m: 60 or 70%, reducing to 10% in evening.

Low Cloud and visibility: Mainly good visibility away from early mist and fog, but poor in heavy rain late evening. Occasionally very poor at height in cloud, but widely so in evening, generally scattered to broken cloud above 600-900m, but perhaps more extensive at times in afternoon and widespread 400-500m in evening.

Temperature: **Valleys:** Plus 5 or 6 C rising to plus 11 C
At 600m: Plus 4 or 5 C
Freezing level: Above the tops.

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